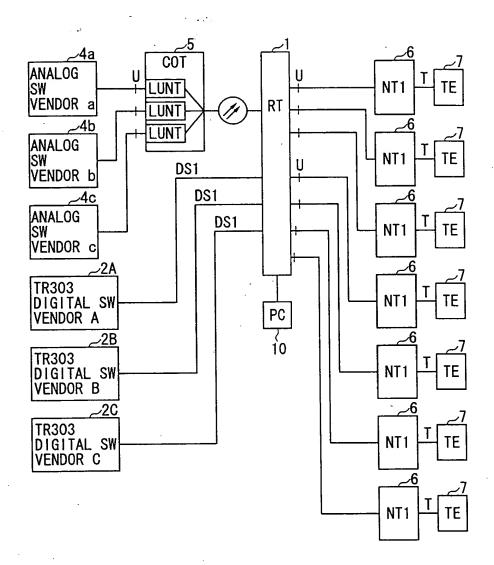
- 4 ,



I SDN CARD SDN SDN SDN RT (NBS) MUX/ DMUX CARD MUX/ DMUX/ CARD 2B+D | & E0C 2B+D & E0C CROSS-CONNECT CARD (TS1C) INTERNAL E0C **FIG.2** EOC CONTROL CARD (EMIC) 16 MAIN SIGNAL (2B+C) EOC SW-INTERFACE UNIT (EPIC) 5 MUX/ CARD HCIC, LCIA) RT (CMS) 003/ 003/ 03/ STS1

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FIG.3

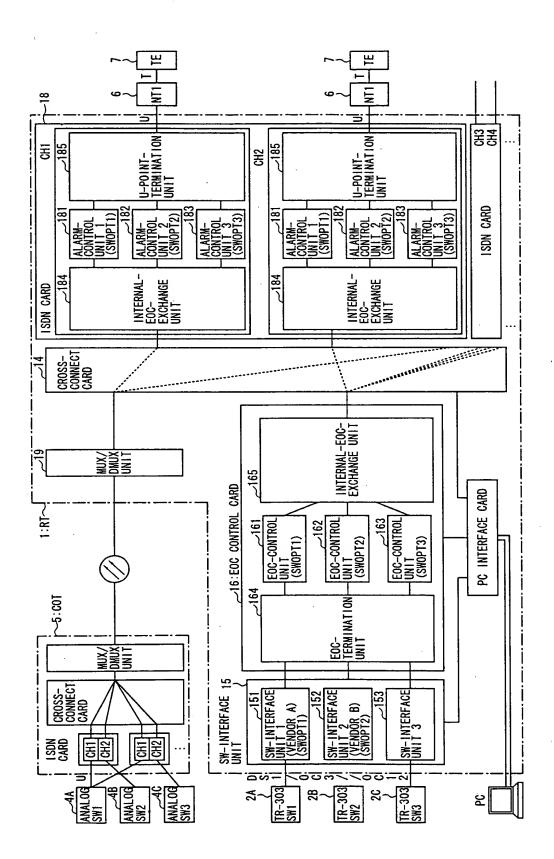
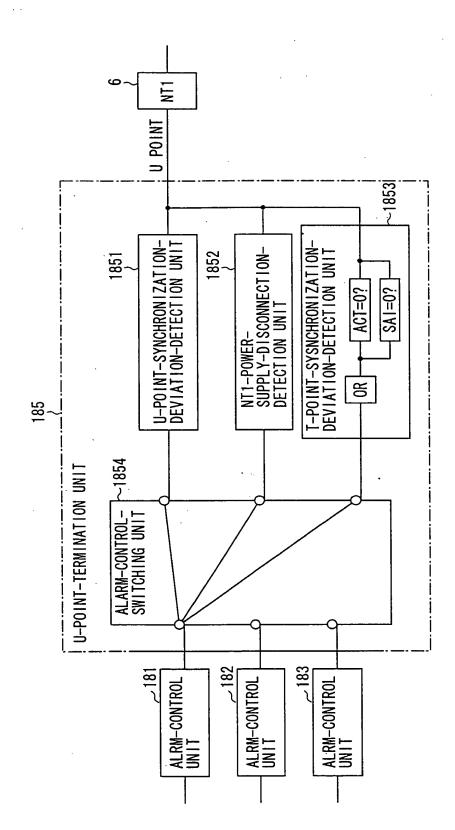


FIG.4



1. TRANSMIT ALARM STATUS CHANGE REPORT (AT TIME OF RETRIEVE: LT 0H=' 0101 1111 111' b NT 0H=' 0000 0000 b) NT 0H=' 0000 000' b) NT 0H=' 0000 0000 b) NT 0H=' 0000 0000 000' b) NT 0H=' 0000 0000 000' b) NT 0H=' 0000 x101 111' b NT 0H=' 0000 x101 11

STATUS	SWOPT=1 (VENDOR A&C)	SWOPT=2 (VENDOR B)	SWOPT=3 (NO VENDOR) (DEFAULT SETTING)
DISCONNECTION			1. TRANSMIT ALARM STATUS CHANGE REPORT
OF POWER SUPPLY		2. TRANSMIT NTI OVERHEAD CHANGE	TRANSMIT NT1 OVERHEAD CHANGE LT OH='1111 1111 111'b, DEFENDE PROM NT1 OH=THE VALUE RECEIVED FROM NT1
	NT OH=' 0111 1111 111' B	LT 0H=' 0111 1111 b	(SAME SETTING AS OLD-VERSION SOFTWARE)
	(d 000 0000 -10 IN	NT 0H='000x x101 111'b	
		(x:SAME AS BEFORE DISCONNECTION	
		OF NT1 POWER SUPPLY)	

SWOPT=3 (NO VENDOR) (DEFAULT SETTING)	1. TRANSMIT ALARM STATUS CHANGE REPORT LT OH='1111 1111 111'b, NT OH=THE VALUE RECEIVED FROM NT1 (SAME SETTING AS OLD-VERSION SOFTWARE)
SWOPT=2 (VENDOR B)	1. TRANSMIT NT1 OVERHEAD CHANGE REPORT LT 0H=' 1111 1111 111' b NT 0H=' 0xxx xx0x xxx' b (x:SAME AS BEFORE LOSS OF T-POINT SYNC.)
SWOPT=1 (VENDOR A&C)	1. TRANSMIT NT1 OVERHEAD CHANGE REPORT (AT TIME OF RETRIEVE: LT OH=' 1111 1111 b NT OH=' Oxxx xxxx xxx' b) (x:SAME AS BEFORE LOSS OF T-POINT SYNC.)
STATUS	LOSS OF T-POINT SYNCHRONIZATION

	<del></del>		<del> </del>	<del>,</del>	
SW0PT=3	TRANSMIT M_EVENT_REPORT OF LINE TERMINATION AT TIME OF NO CH CARD	TRANSMIT NT1 OVERHEAD CHANGE REPORT VALUE IS NT OH NEW STATE: m41, m42, m43, m45, m46, m47, m48, m51, m52, m61=0	TRANSMIT M EVENT REPORT OF LINE TERMINATION IN PRESENCE OF CH CARD	TRANSMIT NTI OVERHEAD CHANGE REPORT VALUE IS NT OH NEW STATE: m41, m42, m43, m44, m45, m46, m47, m48, m51, m52, m61=X (X:VALUE RECEIVED FROM U POINT)	LT OH STATES="01111111111"b. NT OH STATES="00000000000"b AT TIME WHEN M-GET OF ISDN FPT IS EXCUTED
SWOPT=2	TRANSMIT M_EVENT_REPORT OF EVENT REPORTING AT TIME OF NO CH CARD	TRANSMIT M_EVENT_REPORT OF CHANGE OF OVERHEAD BIT REPORT VALUE IS NT OH NEW STATE: m41, m42, m43, m47=0 m44, m45, m46, m48, m51, m52, m61=1	TRANSMIT M_EVENT_REPORT OF EVENT REPORTING IN PRESENCE OF CH CARD	TRANSMIT M EVENT REPORT OF CHANGE OF OVERHEAD BIT REPORT VALUE IS NT OH NEW STATE: m41, m42, m43, m44, m45, m46, m47, m48, m51, m52, m61=X (X:VALUE RECEIVED FROM U POINT)	LT OH STATES="01111111111"b. NT OH STATES="00011101111"b AT TIME WHEN M-GET OF ISDN FPT IS EXCUTED
SW0PT=1	TRANSMIT M_EVENT_REPORT OF EVENT REPORTING AT TIME OF NO CH CARD	TRANSMIT M EVENT REPORT OF CHANGE OF OVERHEAD BIT REPORT VALUE IS NT OH NEW STATE: m41, m42, m43, m44, m45, m46, m47, m48, m51, m52, m61=0	TRANSMIT M EVENT_REPORT OF EVENT REPORTING IN PRESENCE OF CH CARD	TRANSMIT M_EVENT_REPORT OF CHANGE OF OVERHEAD BIT REPORT VALUE IS NT OH NEW STATE: m41, m42, m43, m44, m45, m46, m47, m48, m51, m52, m61=X (X:VALUE RECEIVED FROM U POINT)	LT OH STATES="01111111111"b, NT OH STATES="0000000000"b AT TIME WHEN M-GET OF ISDN FPT IS EXCUTED
STATUS	NO CH CARD IN SLOT				

SWOPT=3	TRANSMIT OF NT1 OVERHEAD CHANGE REPORT AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS VALUE IS NT OH NEWSTATE: m41, m42, m43, m44, m45, m46, m47, m48, m51, m52, m61=X (X:VALUE RECEIVED FROM U POINT)	TRANSMIT M EVENT REPORT OF EVENT REPORTING AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS	TRANSMIT M EVENT REPORT OF CHANGE OF OVERHEAD AT CHANGE OF OVERHEAD AT CHANGE OF OVERHEAD AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS NORMAL M42, m43, m44, m45=SAME VALUE AS BEFORE	TRANSMIT M EVENT REPORT OF EVENT REPORTING AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS	LT OH STATES="01111111111"b, NT OH STATES="000000000000"b AT TIME WHEN M-GET OF ISDN FPT IS EXCUTED
SWOPT=2	TRANSMIT M EVENT REPORT OF CHANGE OF OVERHEAD BIT REPORT AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS VALUE IS NT OH NEWSTATE:  m41, m42, m43, m44, m45, m46, m47, m48, m51, m52, m61=X (X:VALUE RECEIVED FROM U POINT)	TRANSMIT M EVENT REPORT OF EVENT REPORTING AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS	TRANSMIT M EVENT REPORT OF CHANGE OF OVERHEAD BIT REPORT AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS VALUE IS NT OH NEWSTATE:  #41, m42, m43, m47=0  #46, m48, m51, m52, m61=1  #44, m45=SAME VALUE AS' BEFORE	TRANSMIT M EVENT REPORT OF EVENT REPORTING AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS	LT OH STATES="0111111111"b, NT OH STATES="0001X101111"b (X=SAME VALUE AS BEFORE) AT TIME WHEN M-GET OF ISDN FPT IS EXCUTED
SW0PT=1		TRANSMIT M EVENT REPORT OF EVENT REPORTING AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS		TRANSMIT M EVENT REPORT OF EVENT REPORTING AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS	LT OH STATES="0111111111"b, NT OH STATES="0000000000"b AT TIME WHEN M-GET OF ISDN FPT IS EXCUTED
STATUS	LOSS OF U-POINT SYNCHRONIZATION				

SWOPT=3	TRANSMIT OF NT1 OVERHEAD CHANGE REPORT AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS VALUE IS NT OH NEWSTATE: m41, m42, m43, m44, m45, m46, m47, m48, m51, m52, m61=X (X:VALUE RECEIVED FROM U POINT)	TRANSMIT M EVENT REPORT OF EVENT REPORTING AT TIME WHEN U-POINT CONDITION CHANGES FROM NORMAL STATUS TO ALARM STATUS	TRANSMIT CHANGE OF OVERHEAD AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS TO NORMAL STATUS VALUE IS NT OH NEWSTATE: m41, m42, m43, m44, m45, m46, m47, m48, m51, m52, m61=0	TRANSMIT M EVENT REPORT OF EVENT REPORTING AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS	LT OH STATES="0111111111"b, NT OH STATES="000000000000"b AT TIME WHEN M-GET OF ISDN FPT IS EXCUTED
SWOPT=2	TRANSMIT M_EVENT REPORT OF TRECHANGE OF OVERHEAD BIT REPORT REAT TIME WHEN U-POINT CONDITION CCCHANGES FROM ALARM STATUS TO NORMAL STATUS NORMAL MAS, MAS, MAS, MAS, MAS, MAS, MAS, MAS,	TRANSMIT M EVENT REPORT OF EVENT REPORTING AT TIME WHEN U-POINT CONDITION CHANGES FROM NORMAL STATUS TO ALARM STATUS	TRANSMIT M EVENT REPORT OF CHANGE OF OVERHEAD A CHANGE OF OVERHEAD BIT REPORT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS NORMAL STATUS NORMAL STATUS NALUE IS NT OH NEWSTATE: M41, m42, m43, m47=0 m46, m46, m52, m61=0 m44, m45=SAME VALUE AS BEFORE	TRANSMIT M EVENT REPORT OF EVENT REPORT OF EVENT REPORTING AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS	LT OH STATES="01111111111"b. NT OH STATES="0001X101111"b. (X=SAME VALUE AS BEFORE) AT TIME WHEN M-GET OF ISDN FPT IS EXCUTED
SWOPT=1		TRANSMIT M EVENT REPORT OF EVENT REPORT OF EVENT REPORTING AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS		TRANSMIT M EVENT REPORT OF EVENT REPORTING AT TIME WHEN U-POINT CONDITION CHANGES FROM ALARM STATUS TO NORMAL STATUS	LT OH STATES="01111111111"b, NT OH STATES="0000000000"b AT TIME WHEN M-GET OF ISDN FPT IS EXCUTED
STATUS	DISCONNECTION OF NTI POWER SUPPLY				

STATUS	SW0PT=1	SWOPT=2	SWOPT=3
LOSS OF TE SYNCHRON I ZATION	LT OH STATES="01111111111"b, NT OH STATES="0XXXXXXXXXXXX"b (X=SAME ALUE AS BEFORE) AT TIME WHEN M-GET OF ISDN FPT IS EXCUTED	LT OH STATES="01111111111"b, NT OH STATES="0XXXXX0XXXX"b (X=SAME VALUE AS BEFORE) AT TIME WHEN M-GET OF ISDN FPT IS EXCUTED	LT OH STATES="01111111111"b, NT OH STATES="0XXXXXXXXXX"b (X=SAME VALUE AS BEFORE) AT TIME WHEN M-GET OF ISDN FPT IS EXCUTED

	SWOPT1
CMISE SERVICE	M EVENT REPORT
EVENT TYPE	CHANGE OF OVERHEAD BIT REPORT
RELATED OBJECT CLASS	ISDN FRAMING PATH TERMINAL
EVENT ARGUMENT	OLD STATUS NEW STATUS
CMISE SERVICE	M EVENT REPORT
EVENT TYPE	EVENT REPORTING
RELATED OBJECT CLASS	ANALOG LINE TERMINAL ATT ISDN FRAMING PATH TERMINAL DSI FRAMING PATH TERMINAL APPARATUS APPARATUS HOLDER ISDN FRAMING PATH TERMINAL ISDN LINE TERMINAL NETWORK ELEMENT MEMORY
EVENT ARGUMENT	PROBLEM TYPE ALARM SEVERITY DATA ON PROBLEM MONITOR ATTRIBUTE

	SWOPT2
CMISE SERVICE	M EVENT REPORT
EVENT TYPE	CHANGE OF OVERHEAD BIT REPORT
RELATED OBJECT CLASS	ISDN FRAMING PATH TERMINAL
EVENT ARGUMENT	OLD STATUS:NTOH STATUS NEW STATUS:NTOH STATUS
CMISE SERVICE	M EVENT REPORT
EVENT TYPE	EVENT REPORTING
RELATED OBJECT CLASS	ALARM COUNT LIST ANALOG LINE TERMINAL CIRCUIT PACK DSI FRAMING PATH TERMINAL DSI LINE TERMINAL APPARATUS APPARATUS HOLDER IDLC DATA LINK PROFILE IDLC DATA LINE TERMINAL ISDN FRAMING PATH TERMINAL ISDN LINE TERMINAL NETWORK ELEMENT MEMORY METALIC TEST ACCESS UNIT
EVENT ARGUMENT	PROBLEM TYPE PROBLEM INFORMATION ATTRIBUTE INFORMATION ON PROBLEM

	SWOPT3
CMISE SERVICE	M EVENT REPORT
EVENT TYPE	CHANGE OF OVERHEAD BIT REPORT
RELATED OBJECT CLASS	ISDN FRAMING PATH TERMINAL
EVENT ARGUMENT	OLD STATUS NEW STATUS
CMISE SERVICE	M EVENT REPORT
EVENT TYPE	EVENT REPORTING
RELATED OBJECT CLASS	ANALOG LINE TERMINAL ATT ISDN FRAMING PATH TERMINAL DSI FRAMING PATH TERMINAL APPARATUS APPARATUS HOLDER ISDN FRAMING PATH TERMINAL ISDN LINE TERMINAL NETWORK ELEMENT MEMORY
EVENT ARGUMENT	PROBLEM TYPE ALARM SEVERITY DATA ON PROBLEM MONITOR ATTRIBUTE

FIG.15

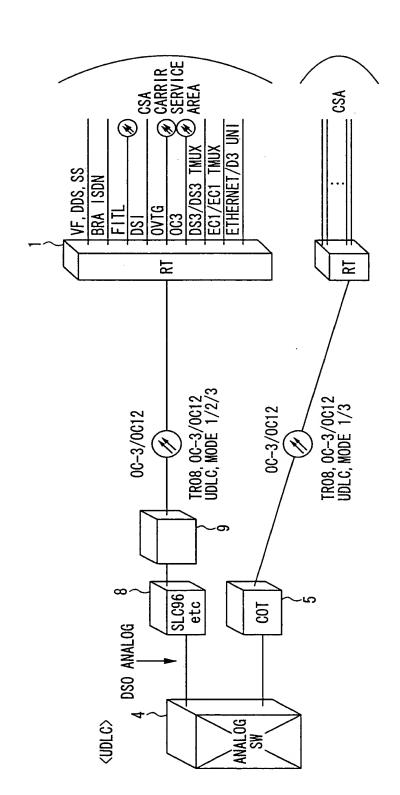


FIG.16

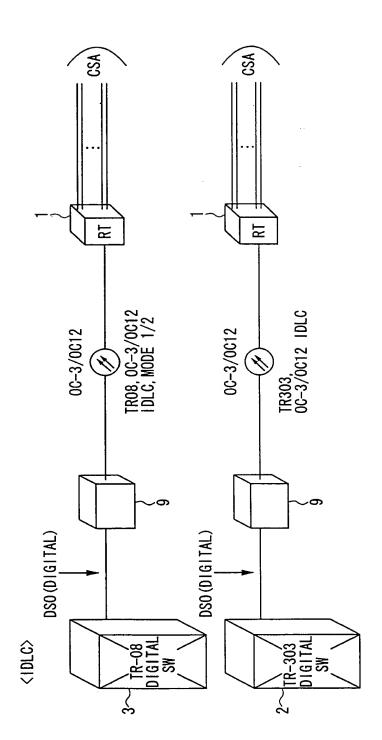


FIG.17

